

FIG. 1

## Non-linear Analysis

200

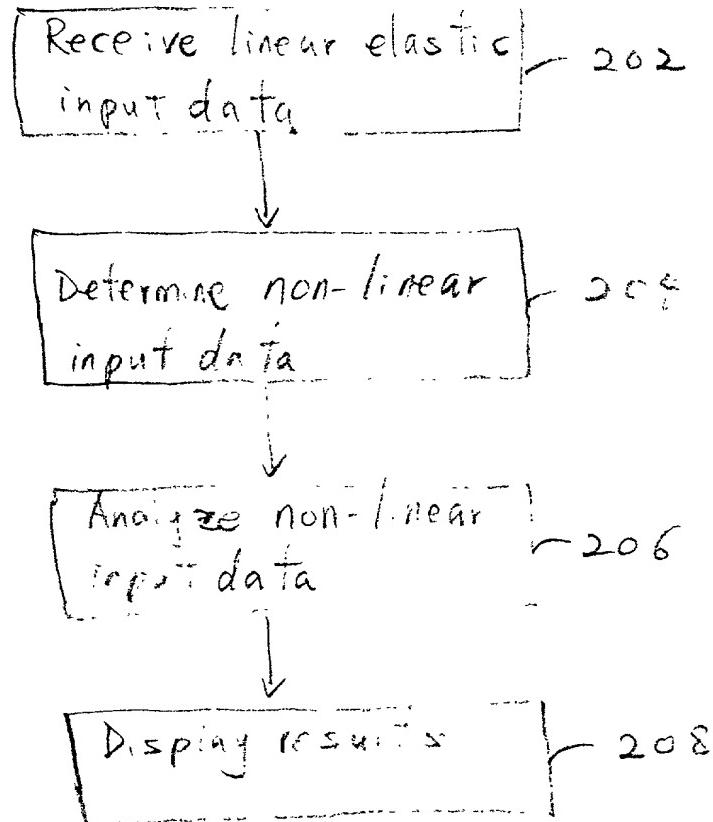


FIG. 2

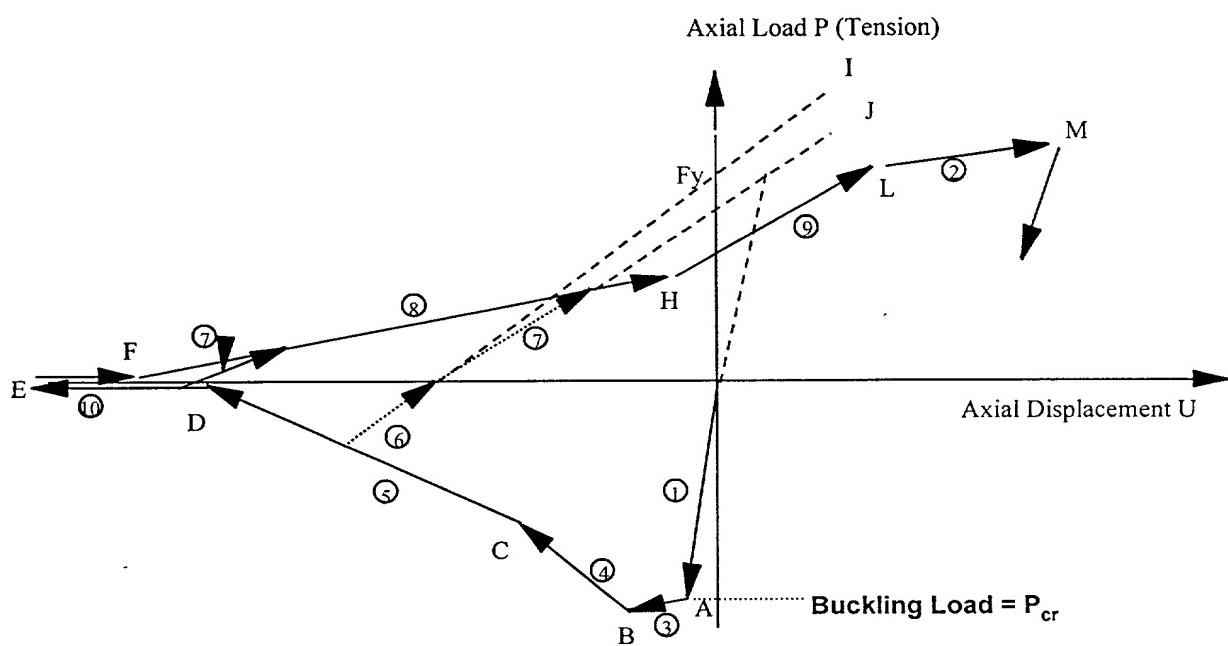


FIG. 3

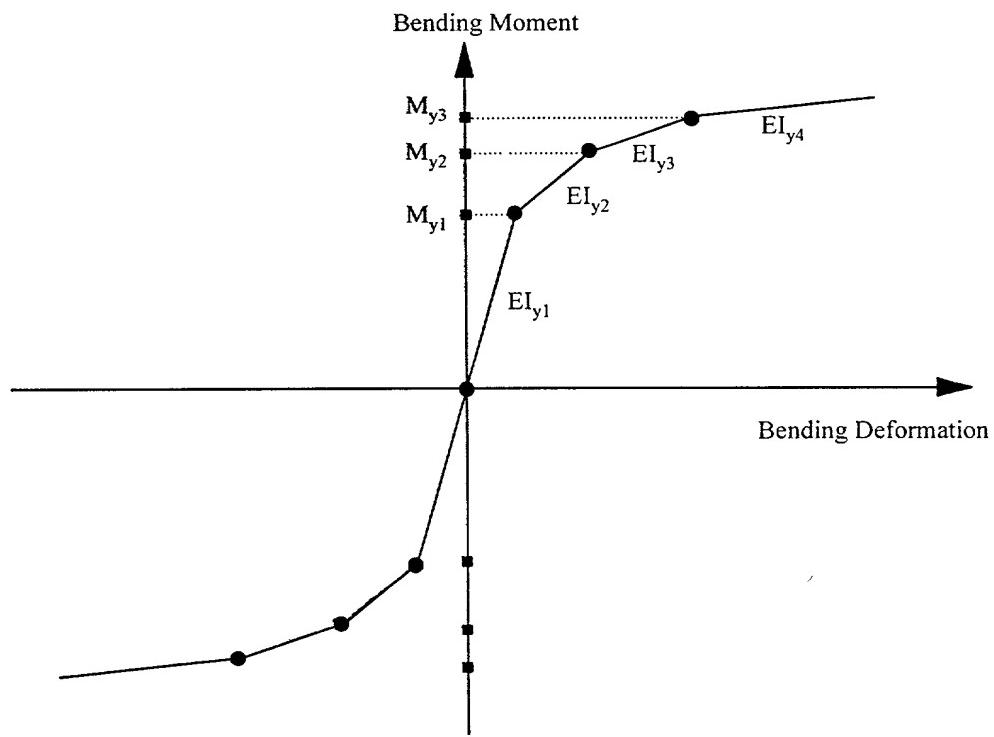


FIG. 4

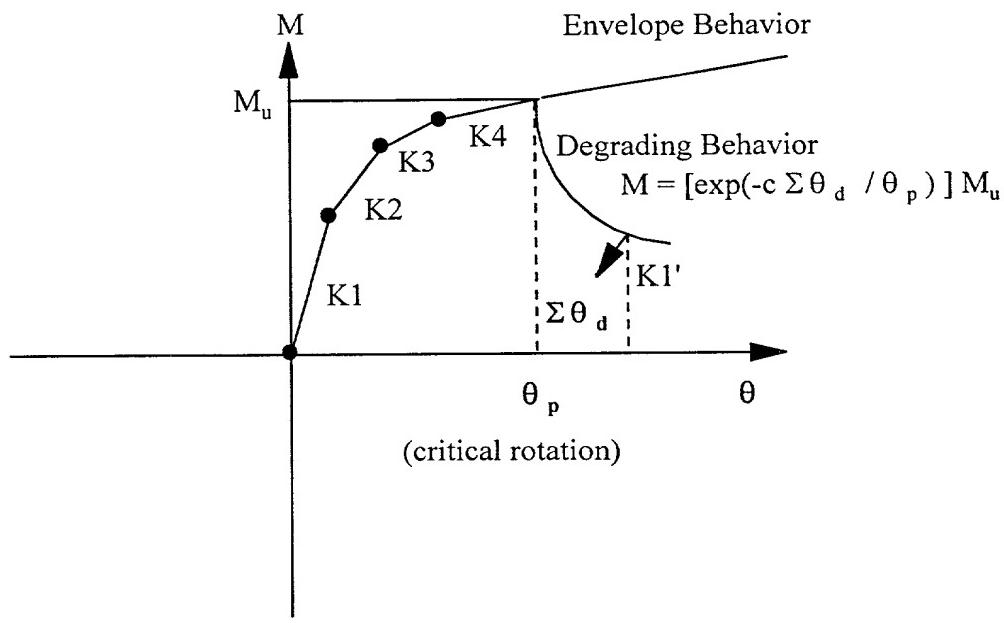


FIG. 5

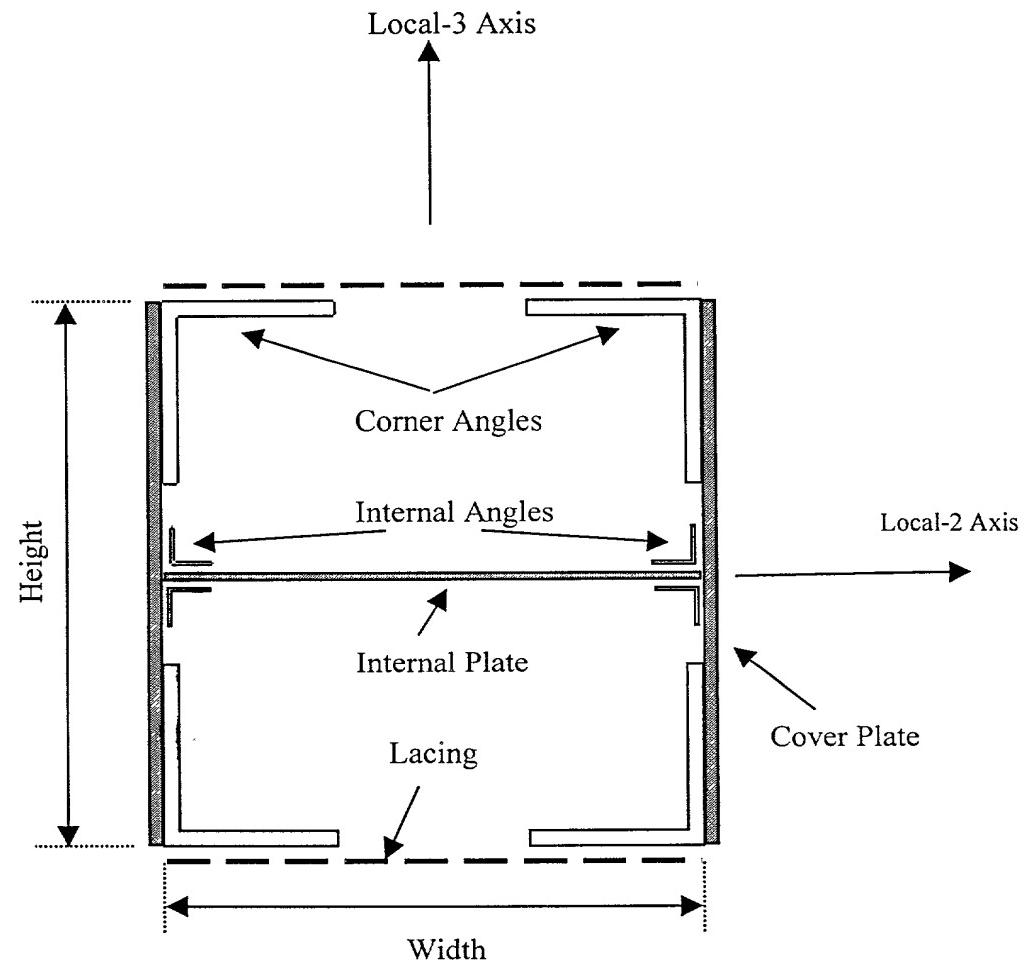


FIG. 6

TABLE 1. TYPICAL SUMMARY REPORT

## A N A L Y S I S   S U M M A R Y

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THE FOLLOWING MEMBERS HAVE EXPERIENCED INELASTIC BEHAVIOR

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NUMBER OF INELASTIC MEMBERS = 4

EVENT SEQNCE	STATIC INCRMN	LOAD STEP	ELEM NAME	ELEM TYPE	GROUP NUMBR	NODE I	NODE J	D/C RATIO	MAXIMUM DUCTILITIES			GROUP	TITLE	
									AXL	TOTAL	AXL COMP.	AXL TENS.		
1	0	0 D	602	LX1	ISTR	3	4	8	0.000	15.354	6.780	8.574	0.000	POST-EUC
1	0	0 D	602	LX2	ISTR	3	7	5	0.000	15.229	8.417	6.812	0.000	POST-EUC
2	0	0 D	628	LX3	NTRS	4	7	11	0.000	4.354	1.624	2.729	0.000	POST-TIE
2	0	0 D	628	LX4	NTRS	4	10	8	0.000	4.312	2.700	1.612	0.000	POST-TIE

FIG. 7

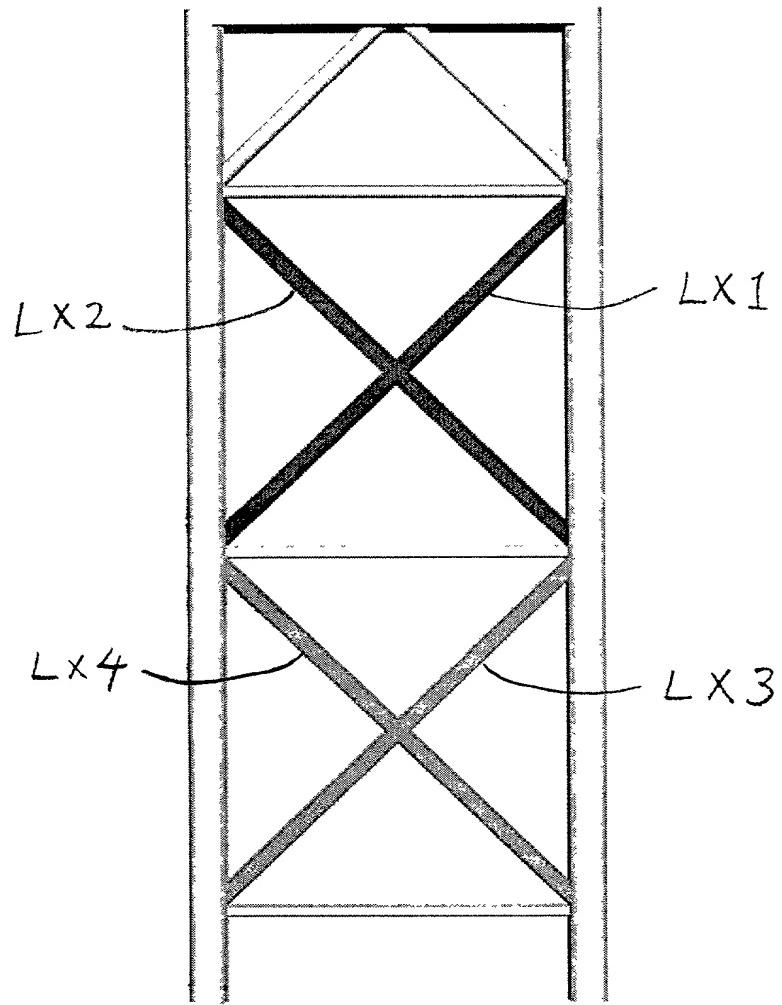


FIG. 8

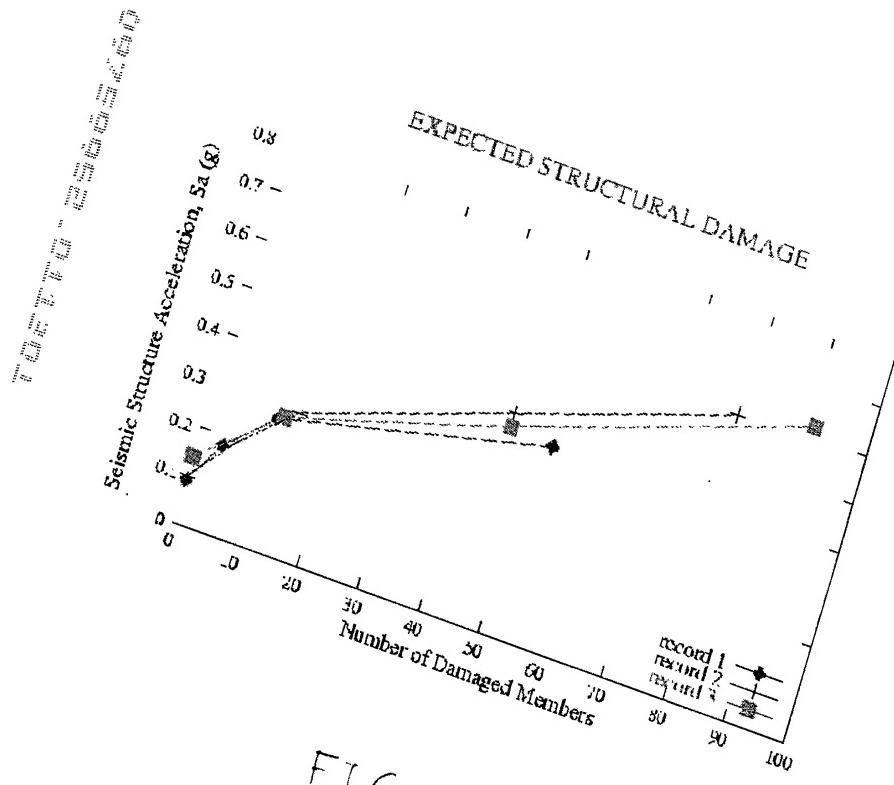


FIG. 9

Structure rating

150

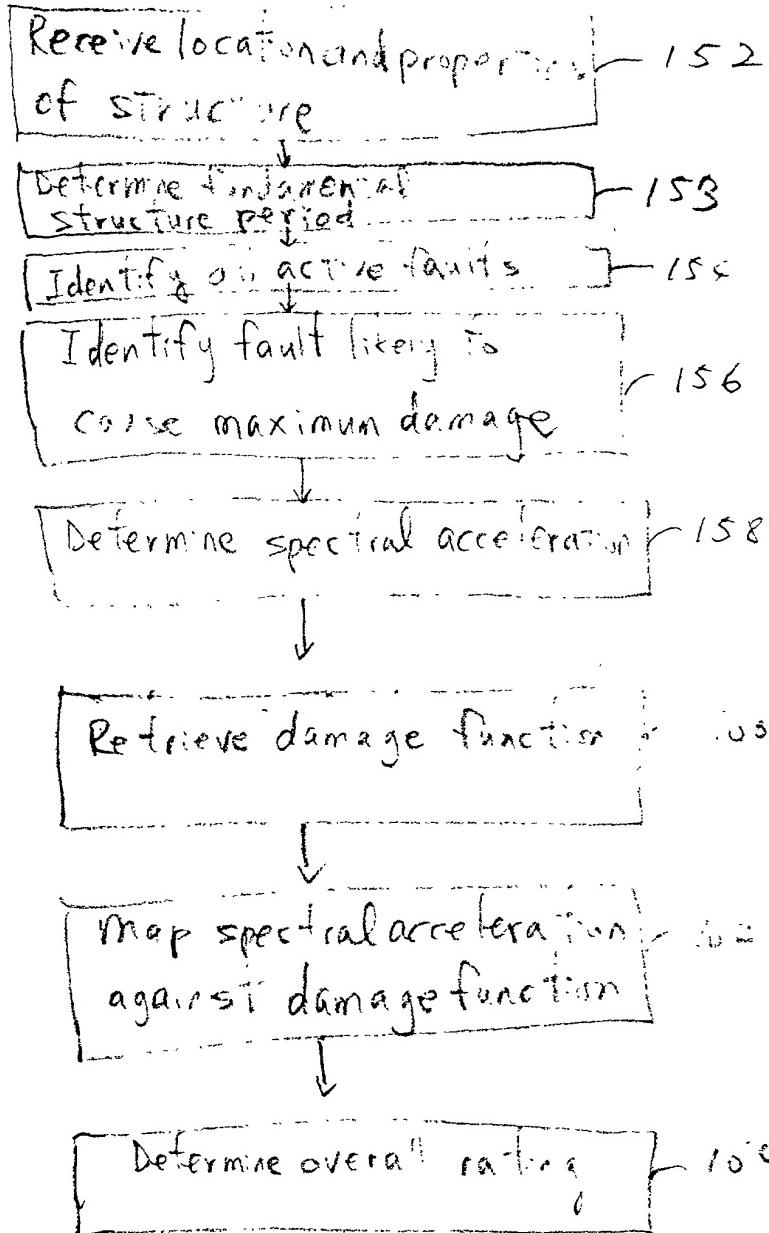


FIG. 10

## Damage function

300

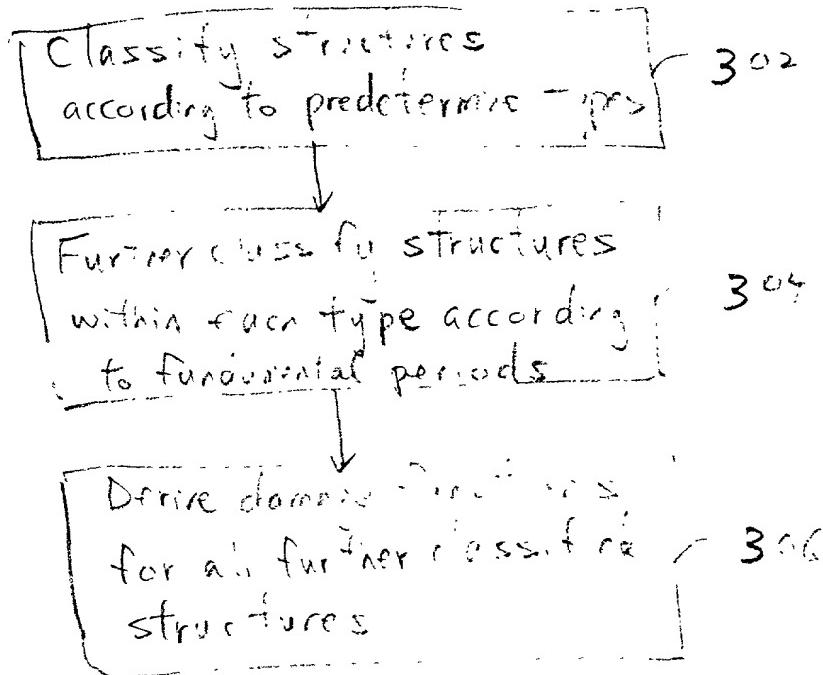


FIG. 11

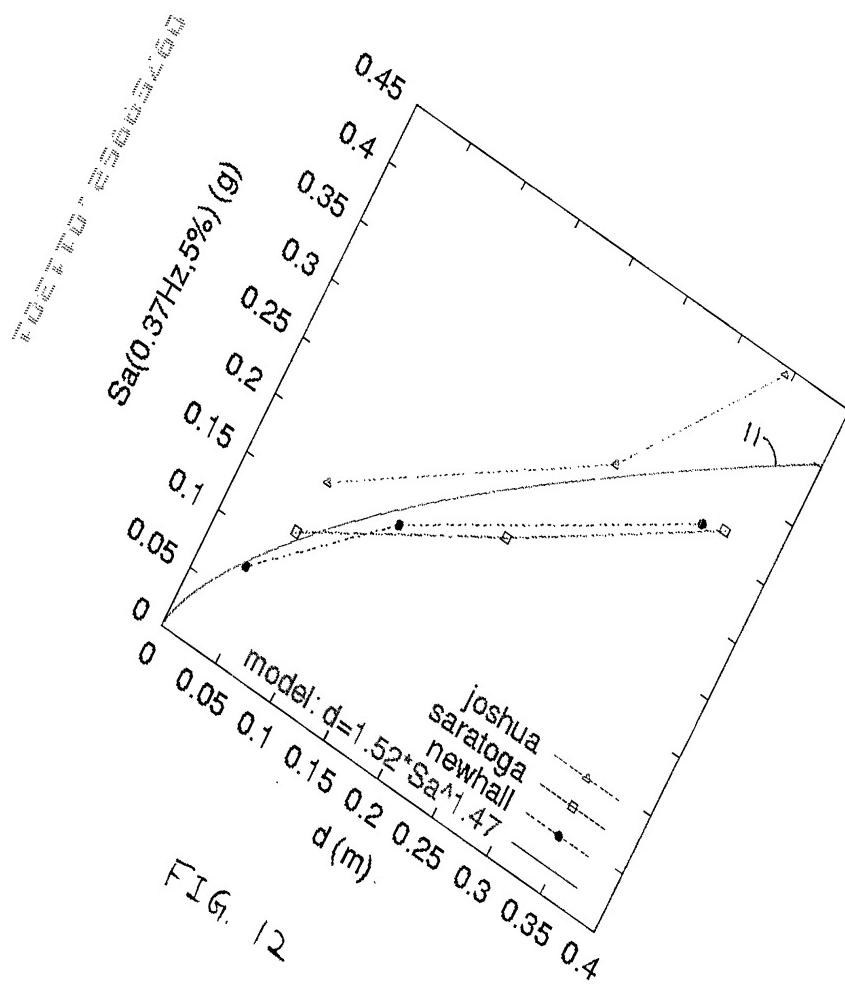


FIG. 12